

FIG.1

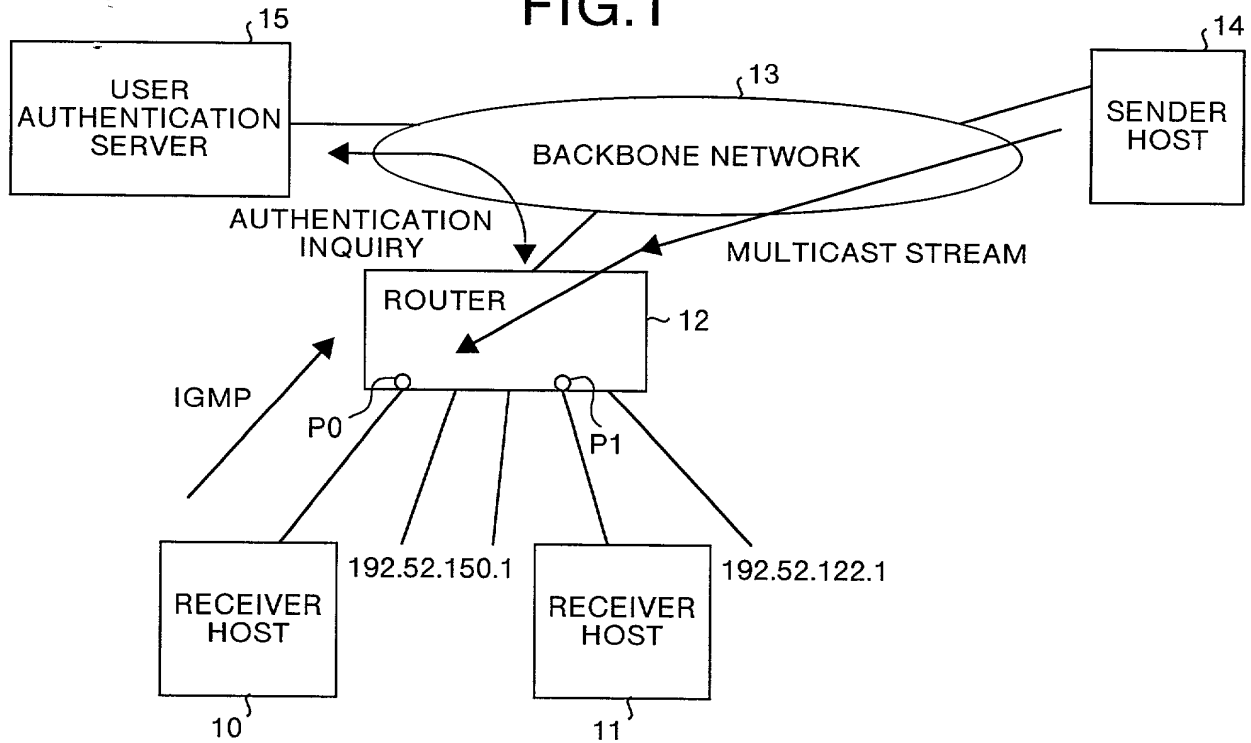


FIG.2

MULTICAST RECEIVER AUTHENTICATION TABLE

RECEIVER IP ADDRESS	GROUP ADDRESS	PE ROUTER IP ADDRESS	PE ROUTER PORT NUMBER
192.52.150.1	224.1.1.1	220.0.0.1	1
192.52.122.1	NONE (ALL ACCEPTED)	220.0.0.2	6

FIG.3

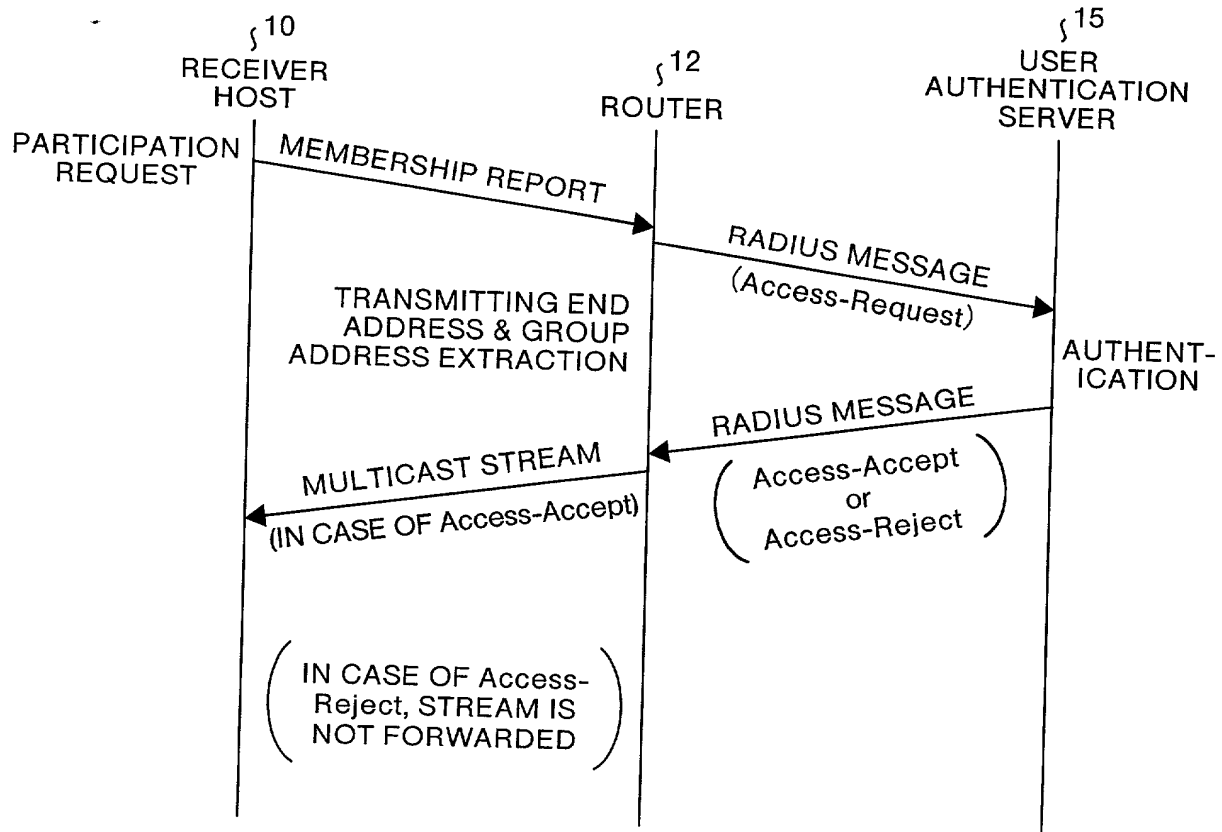


FIG.4

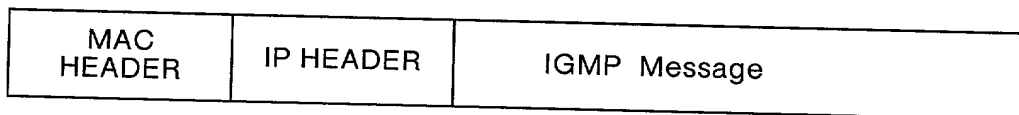


FIG.5

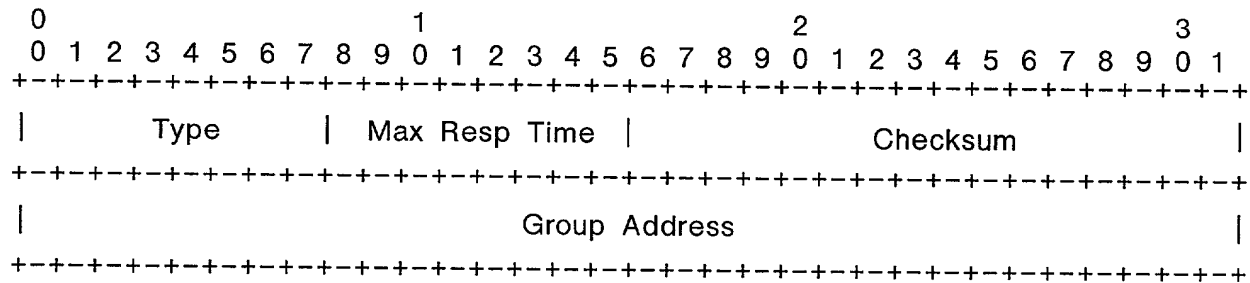
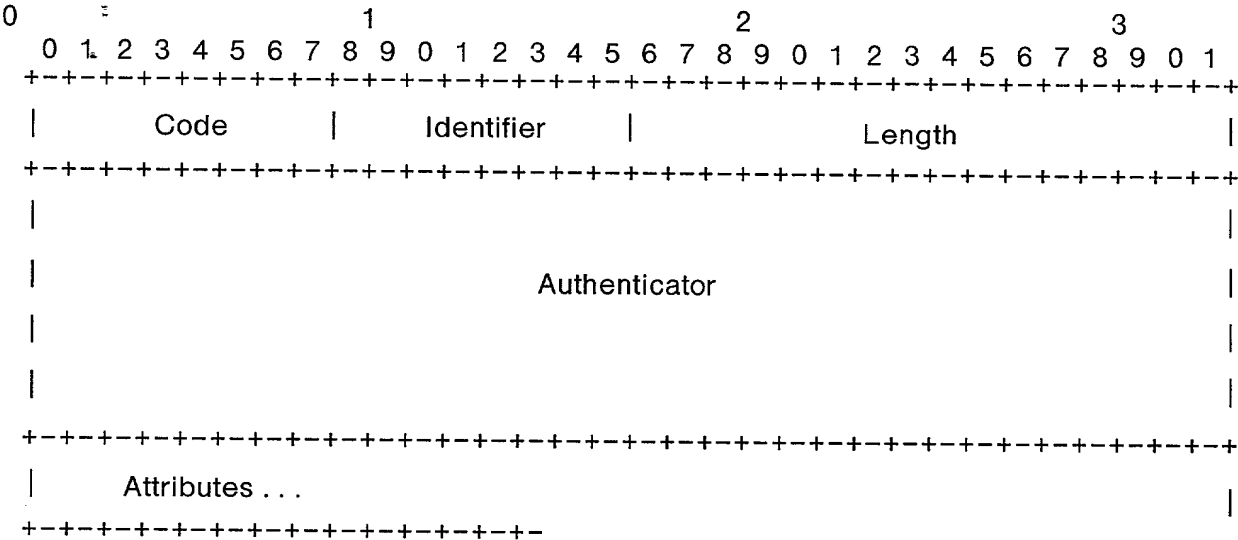


FIG.6

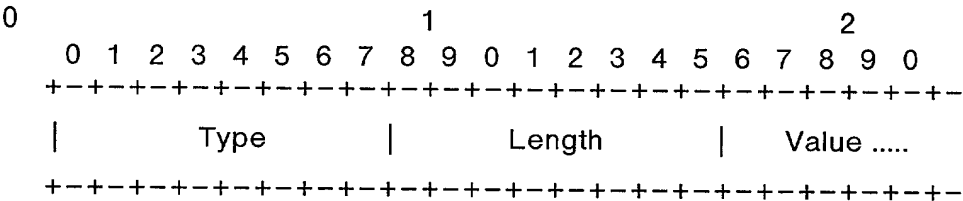


FIG.7



- Code :
- | | | |
|---|---------------------|--|
| 1 | Access-Request | Identifier : ID IDENTIFYING MESSAGE |
| 2 | Access-Accept | Length : MESSAGE LENGTH |
| 3 | Access-Reject | Authenticator : DATA RECOGNIZING MESSAGE |
| 4 | Accounting-Request | Attributes : ATTRIBUTE VALUE |
| 5 | Accounting-Response | |

FIG.8



- Type
- | | |
|-----|----------------------|
| 1 | User-Name |
| 2 | User-Password |
| 4 | NAS-IP-Address |
| 5 | NAS-Port |
| 223 | Multicast-Time-Start |
| 224 | Multicast-Time-End |

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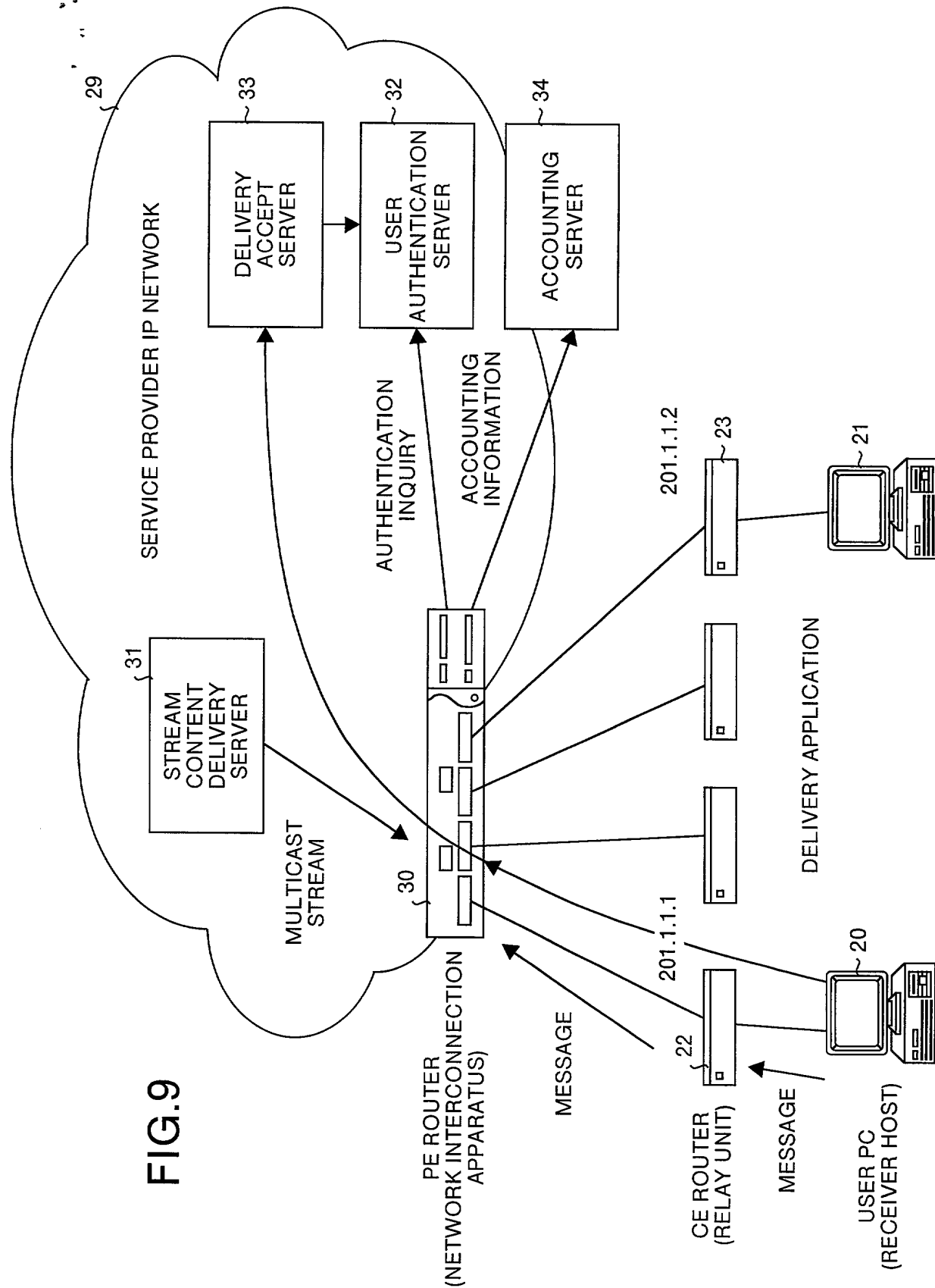


FIG. 9

FIG.10

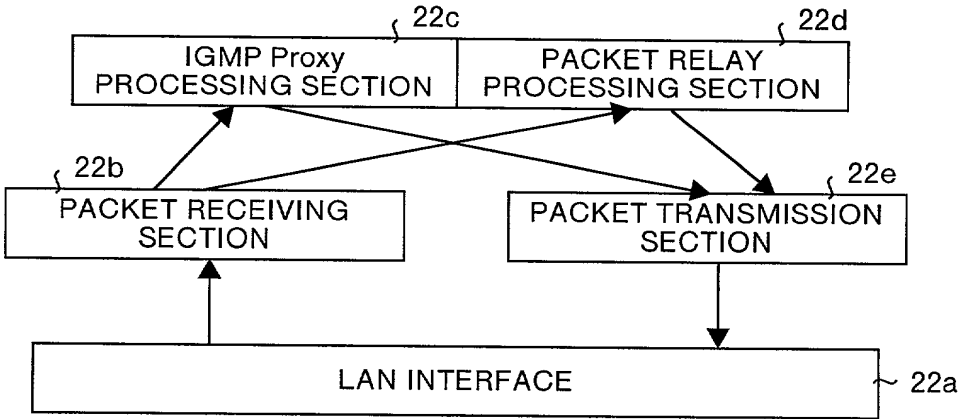
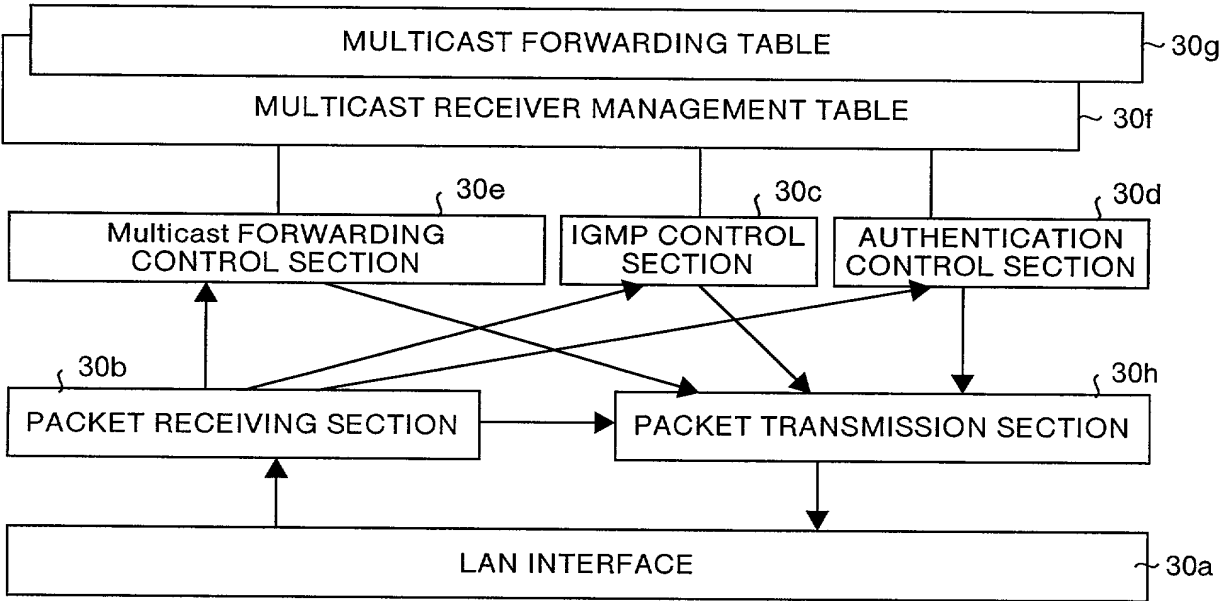


FIG.11



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FIG.12

MULTICAST RECEIVER MANAGEMENT TABLE

GROUP ADDRESS	RECEIVER IP ADDRESS	RECEIVER PORT NUMBER	SENDER PORT NUMBER
224.1.1.1	201.1.1.1 (192.52.150.1)	1	15
224.1.1.2	201.1.1.2 (192.52.122.1)	2	16

FIG.13

MULTICAST FORWARDING TABLE

GROUP ADDRESS	RECEIVER PORT NUMBER LIST
224.1.1.1	1,3,4,6,
224.1.1.2	2,3,5,8,

FIG.14

USER AUTHENTICATION SERVER

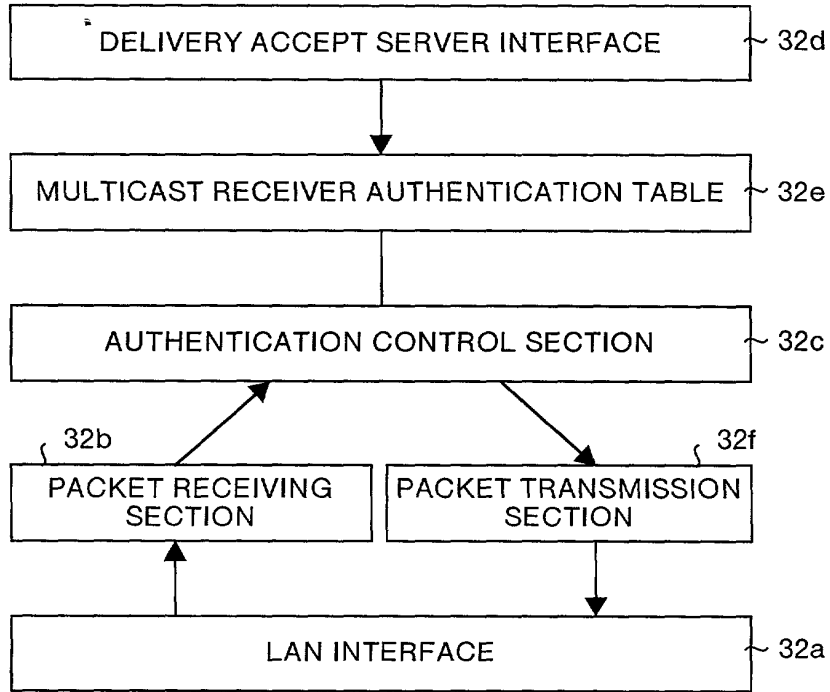
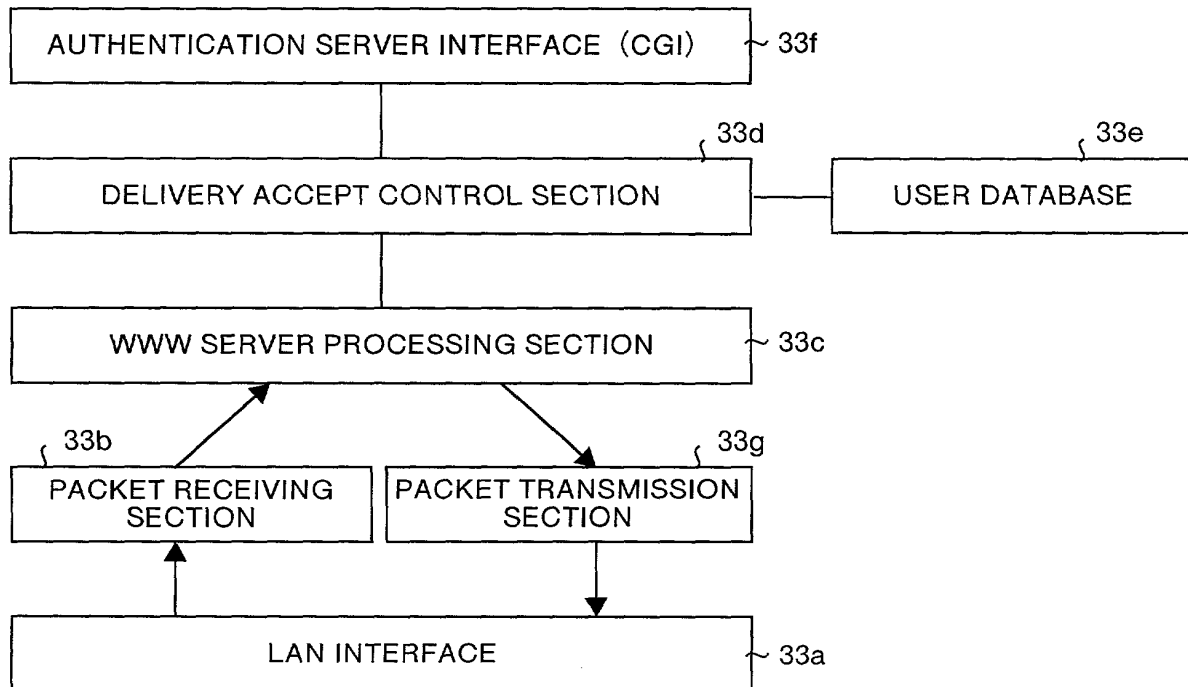


FIG.15

DELIVERY ACCEPT SERVER



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FIG.16

DELIVERY RECEIVING SERVER DATABASE

USER ACCOUNT NAME	USER PASSWORD	RECEIVER IP ADDRESS	PE ROUTER IP ADDRESS	PE ROUTER PORT NUMBER
Tokyo	t2skf21er4	192.52.150.1	220.0.0.1	1
Oosaka	udfj49t8f	192.52.122.1	220.0.0.2	6

1003033 22011301

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FIG.17

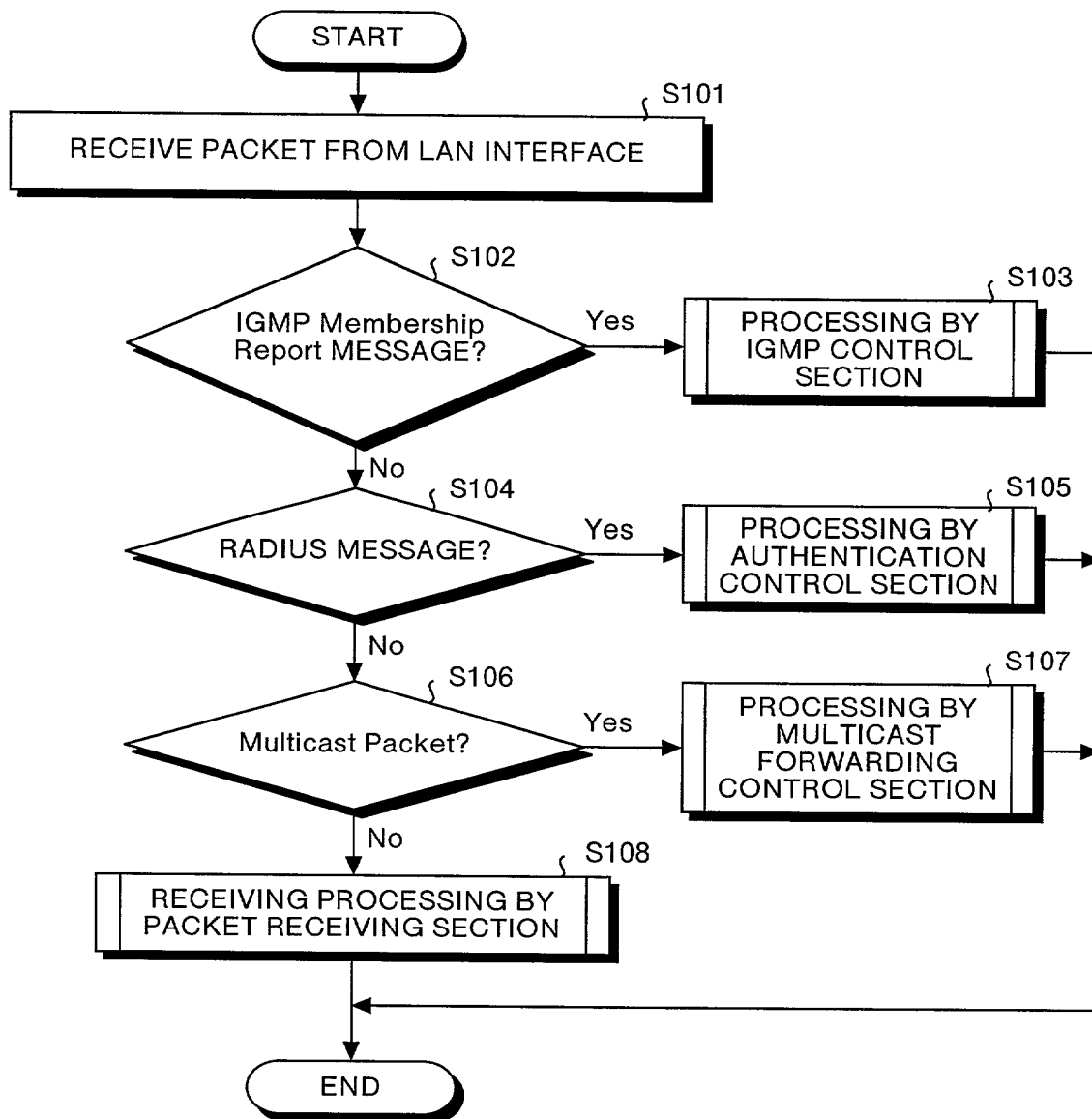


FIG.18

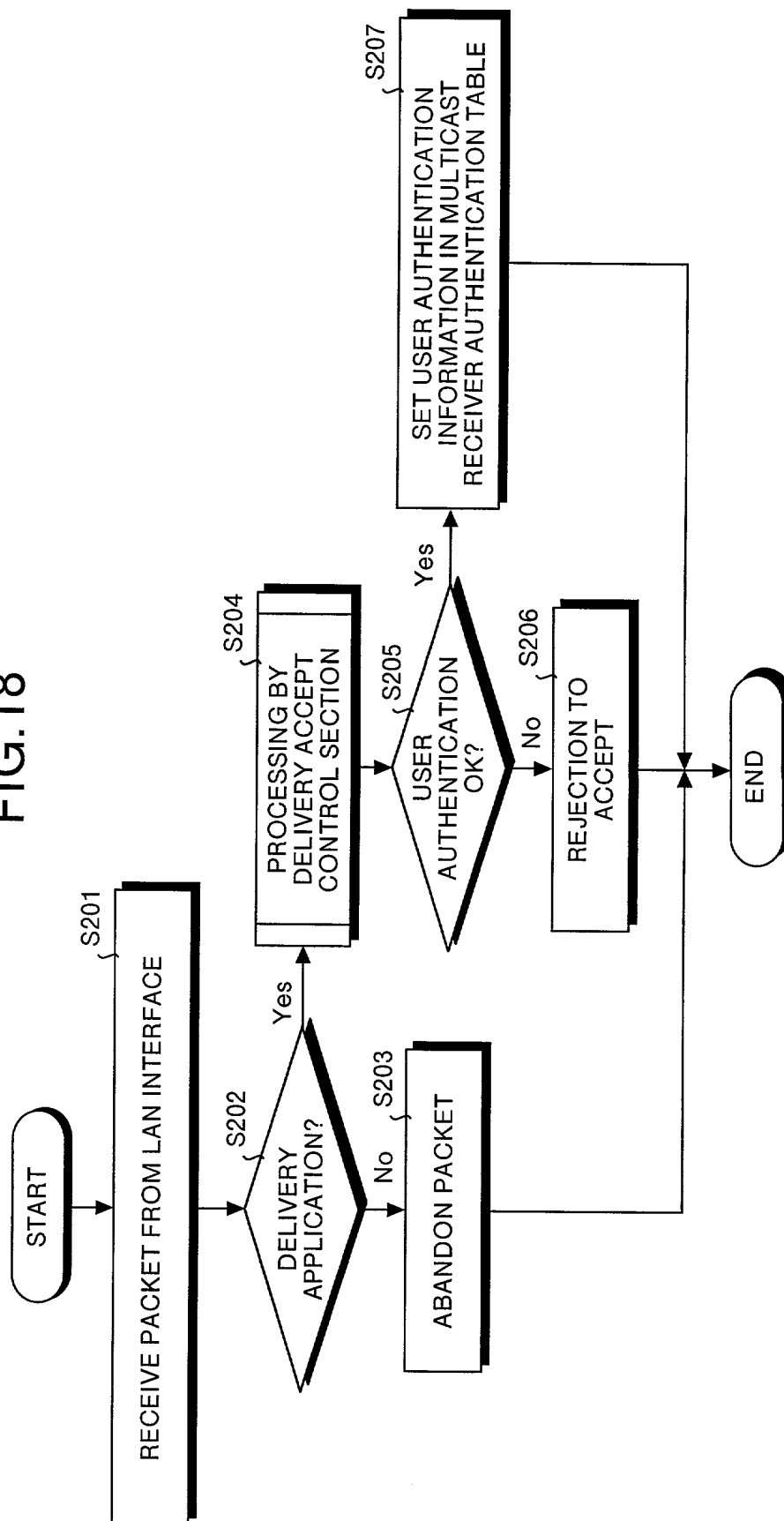
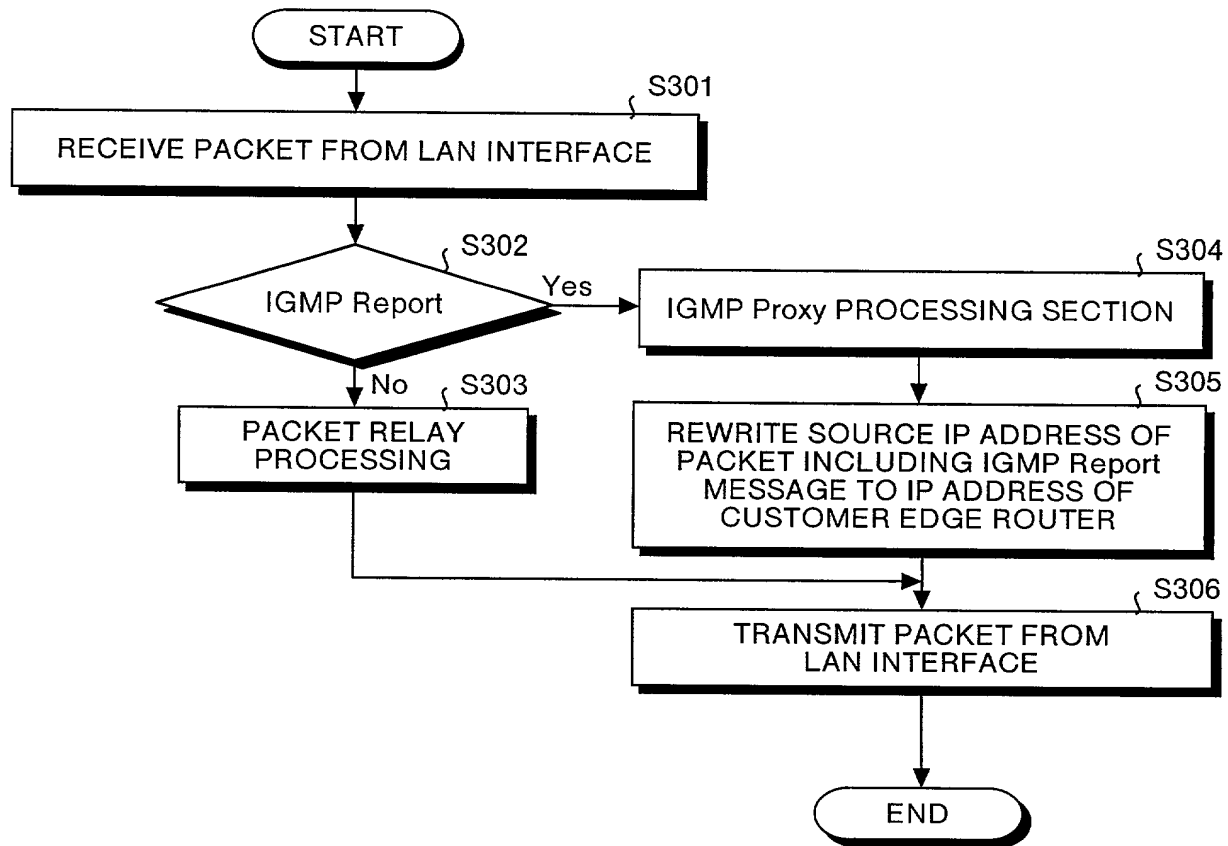


FIG.19



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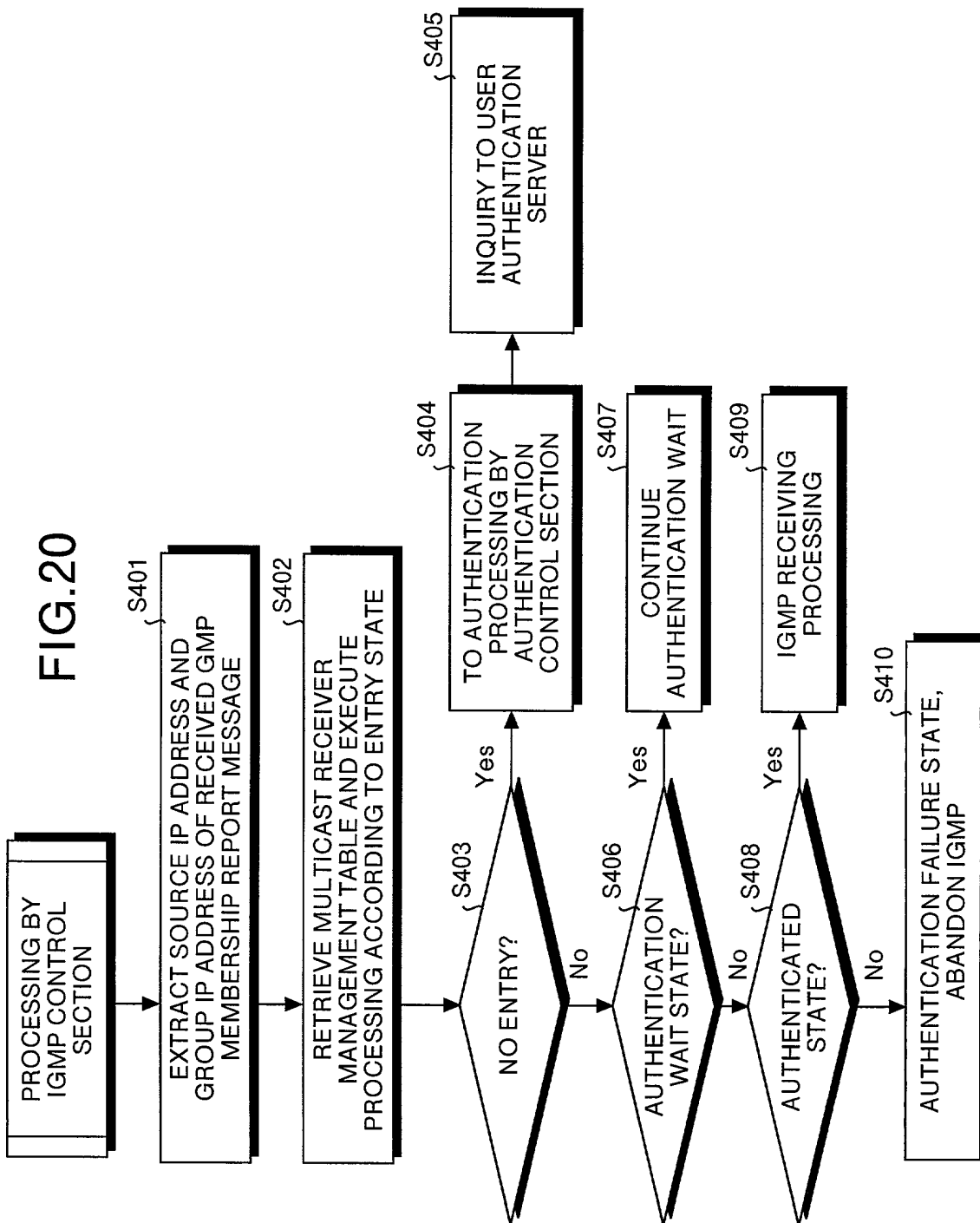
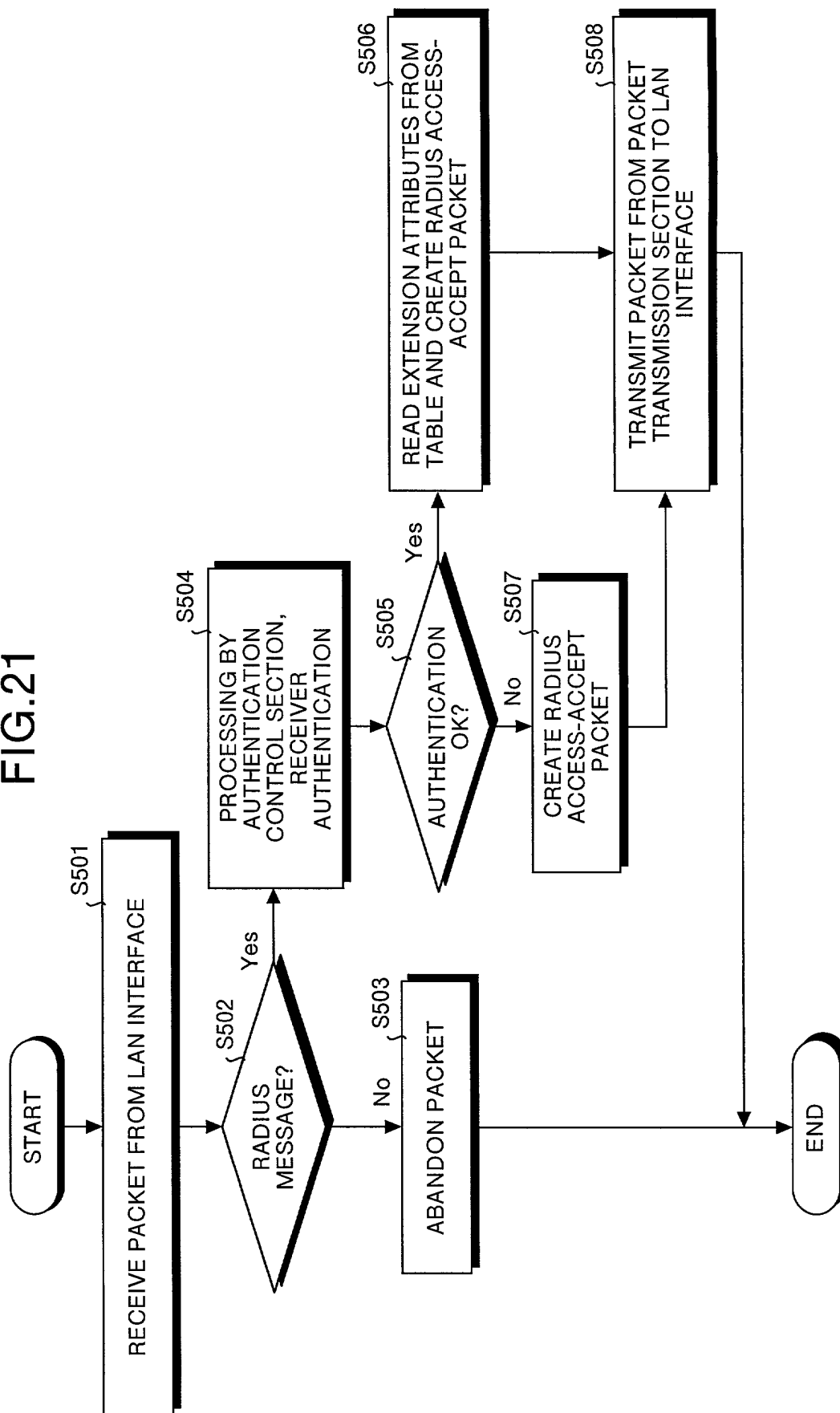


FIG.21



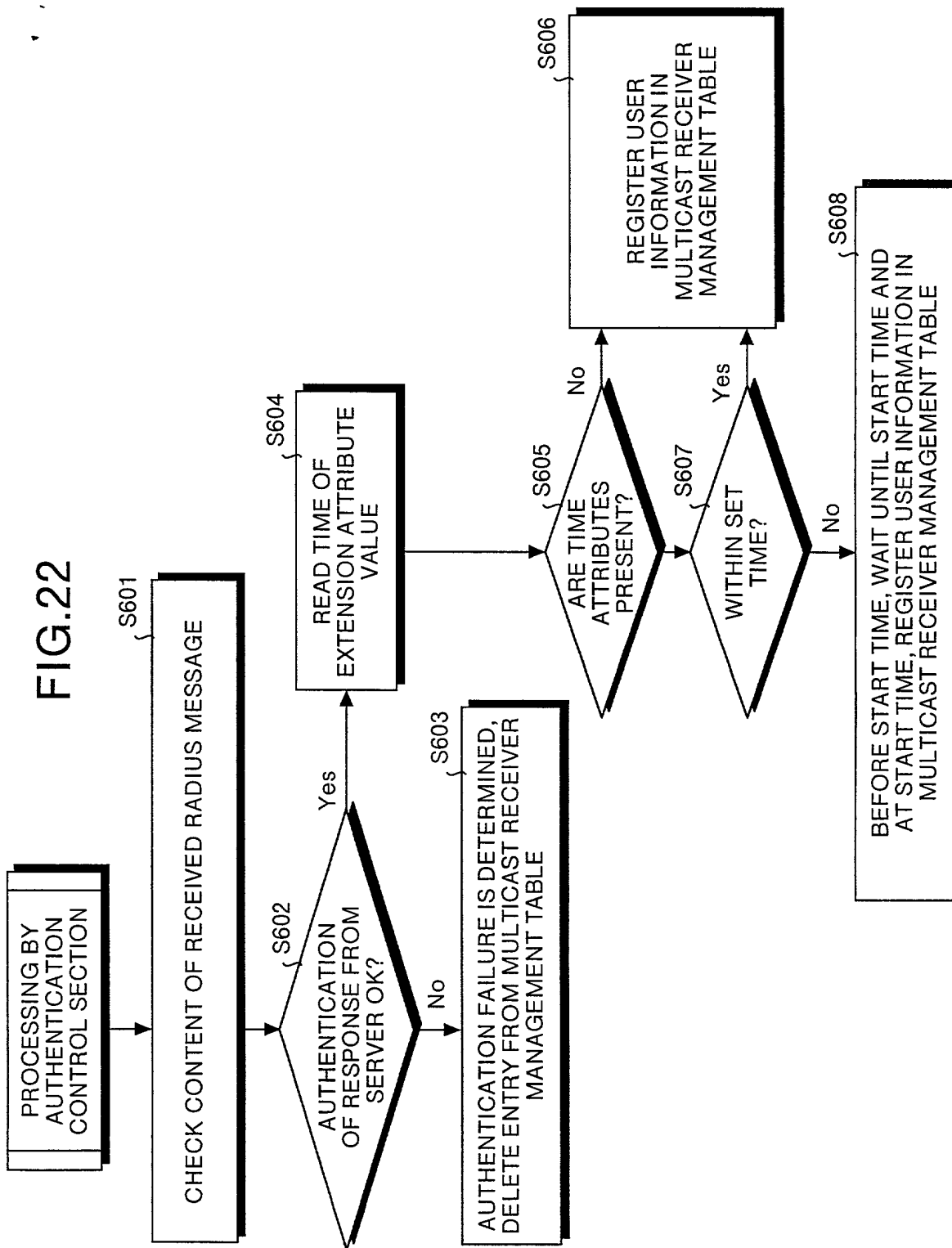
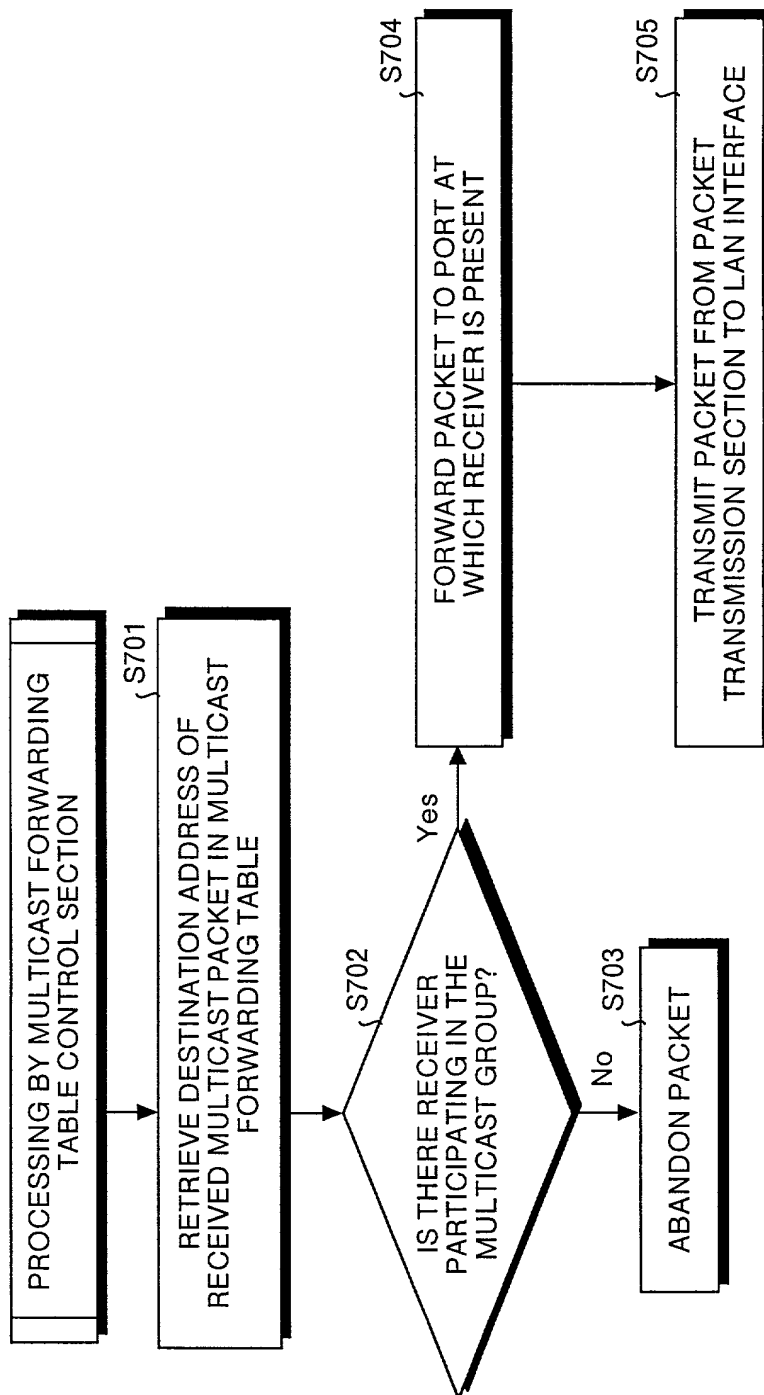


FIG.23



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FIG.24

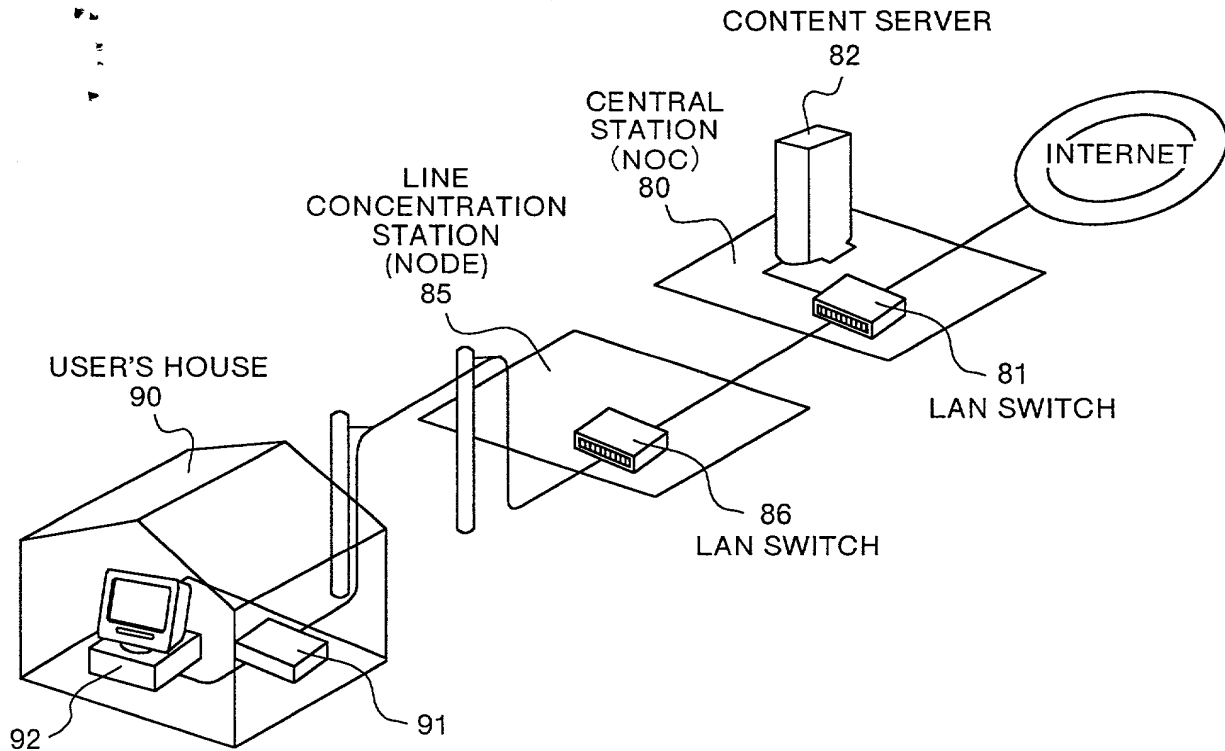


FIG.25

